FIGURE 1



A

B

C

D

E

F

*FIGURE 2*

Fc

A

$L^1$-$P^1$-$L^2$-$P^2$

Fc

B

$L^1$-$P^1$-$L^2$-$P^2$

S  S
|  |
S  S
|  |

Fc

C

$L^1$-$P^1$-$L^2$-$P^2$

S  S
|  |
S  S
|  |

$L^1$-$P^1$-$L^2$-$P^2$

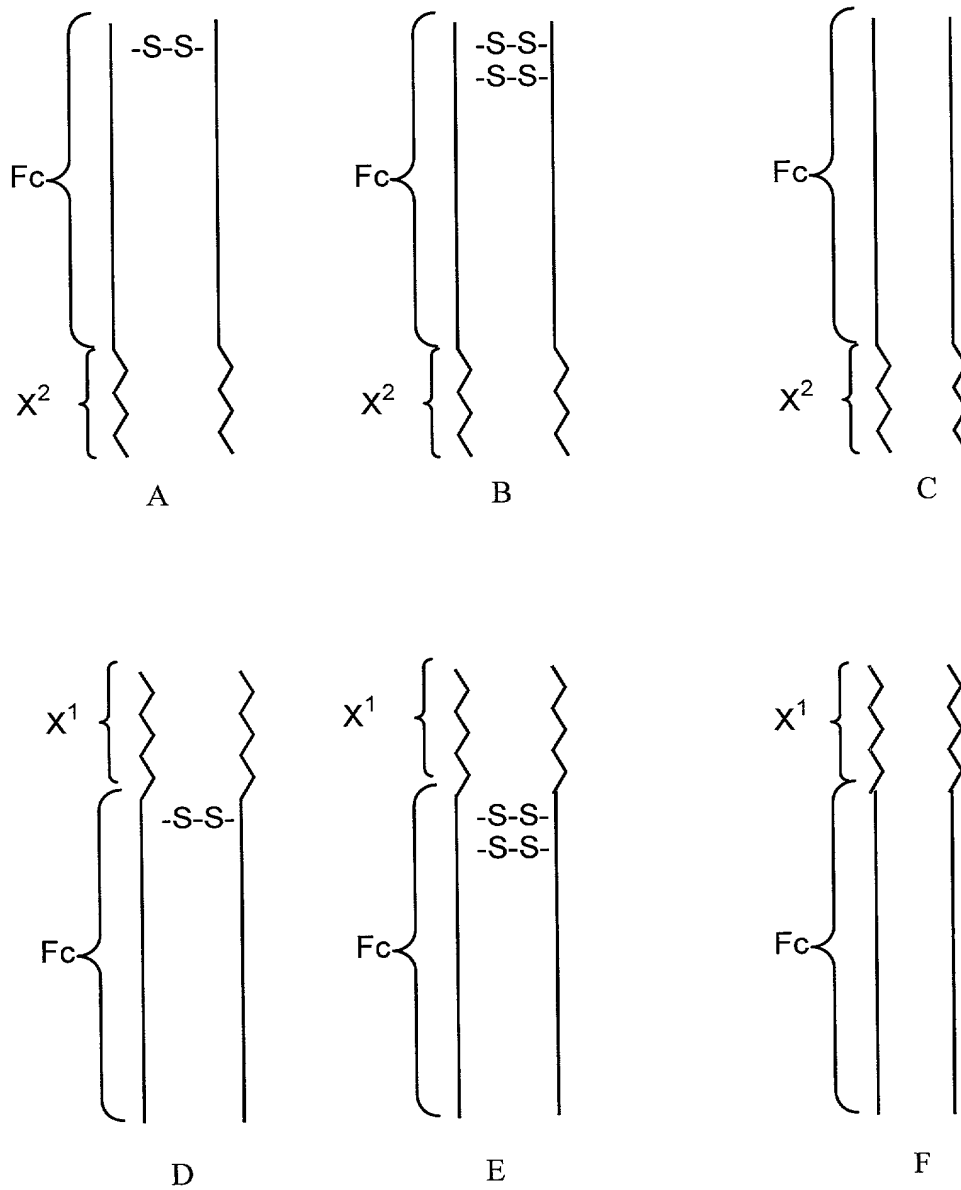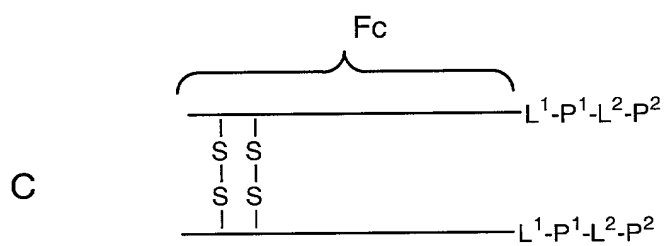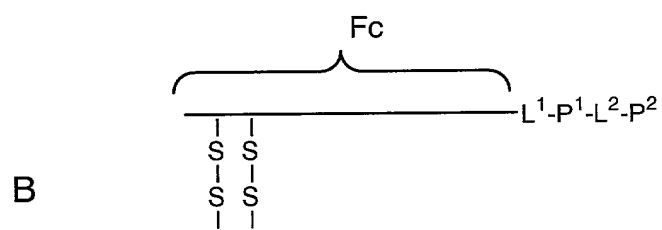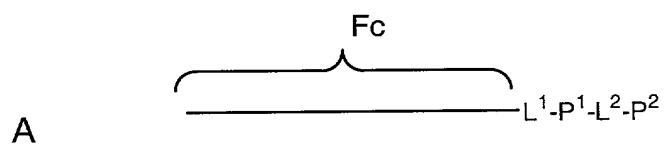## FIGURE 3A

```
    ATGGACAAAACTCACACATGTCCACCTTGTCCAGCTCCGGAACTCCTGGGGGGACCGTCA
  1 ---------+---------+---------+---------+---------+---------+ 60
    TACCTGTTTTGAGTGTGTACAGGTGGAACAGGTCGAGGCCTTGAGGACCCCCCTGGCAGT

a   M   D   K   T   H   T   C   P   P   C   P   A   P   E   L   L   G   G   P   S   -

    GTCTTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTC
 61 ---------+---------+---------+---------+---------+---------+ 120
    CAGAAGGAGAAGGGGGGTTTTGGGTTCCTGTGGGAGTACTAGAGGGCCTGGGGACTCCAG

a   V   F   L   F   P   P   K   P   K   D   T   L   M   I   S   R   T   P   E   V   -

    ACATGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTG
121 ---------+---------+---------+---------+---------+---------+ 180
    TGTACGCACCACCACCTGCACTCGGTGCTTCTGGGACTCCAGTTCAAGTTGACCATGCAC

a   T   C   V   V   V   D   V   S   H   E   D   P   E   V   K   F   N   W   Y   V   -

    GACGGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACG
181 ---------+---------+---------+---------+---------+---------+ 240
    CTGCCGCACCTCCACGTATTACGGTTCTGTTTCGGCGCCCTCCTCGTCATGTTGTCGTGC

a   D   G   V   E   V   H   N   A   K   T   K   P   R   E   E   Q   Y   N   S   T   -

    TACCGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTAC
241 ---------+---------+---------+---------+---------+---------+ 300
    ATGGCACACCAGTCGCAGGAGTGGCAGGACGTGGTCCTGACCGACTTACCGTTCCTCATG

a   Y   R   V   V   S   V   L   T   V   L   H   Q   D   W   L   N   G   K   E   Y   -

    AAGTGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCC
301 ---------+---------+---------+---------+---------+---------+ 360
    TTCACGTTCCAGAGGTTGTTTCGGGAGGGTCGGGGGTAGCTCTTTTGGTAGAGGTTTCGG

a   K   C   K   V   S   N   K   A   L   P   A   P   I   E   K   T   I   S   K   A   -

    AAAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACC
361 ---------+---------+---------+---------+---------+---------+ 420
    TTTCCCGTCGGGGCTCTTGGTGTCCACATGTGGGACGGGGGTAGGGCCCTACTCGACTGG

a   K   G   Q   P   R   E   P   Q   V   Y   T   L   P   P   S   R   D   E   L   T   -

    AAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTG
421 ---------+---------+---------+---------+---------+---------+ 480
    TTCTTGGTCCAGTCGGACTGGACGGACCAGTTTCCGAAGATAGGGTCGCTGTAGCGGCAC

a   K   N   Q   V   S   L   T   C   L   V   K   G   F   Y   P   S   D   I   A   V   -

    GAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGAC
481 ---------+---------+---------+---------+---------+---------+ 540
    CTCACCCTCTCGTTACCCGTCGGCCTCTTGTTGATGTTCTGGTGCGGAGGGCACGACCTG

a   E   W   E   S   N   G   Q   P   E   N   N   Y   K   T   T   P   P   V   L   D   -

    TCCGACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAG
541 ---------+---------+---------+---------+---------+---------+ 600
    AGGCTGCCGAGGAAGAAGGAGATGTCGTTCGAGTGGCACCTGTTCTCGTCCACCGTCGTC

a   S   D   G   S   F   F   L   Y   S   K   L   T   V   D   K   S   R   W   Q   Q   -

    GGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAG
601 ---------+---------+---------+---------+---------+---------+ 660
    CCCTTGCAGAAGAGTACGAGGCACTACGTACTCCGAGACGTGTTGGTGATGTGCGTCTTC

a   G   N   V   F   S   C   S   V   M   H   E   A   L   H   N   H   Y   T   Q   K   -
```
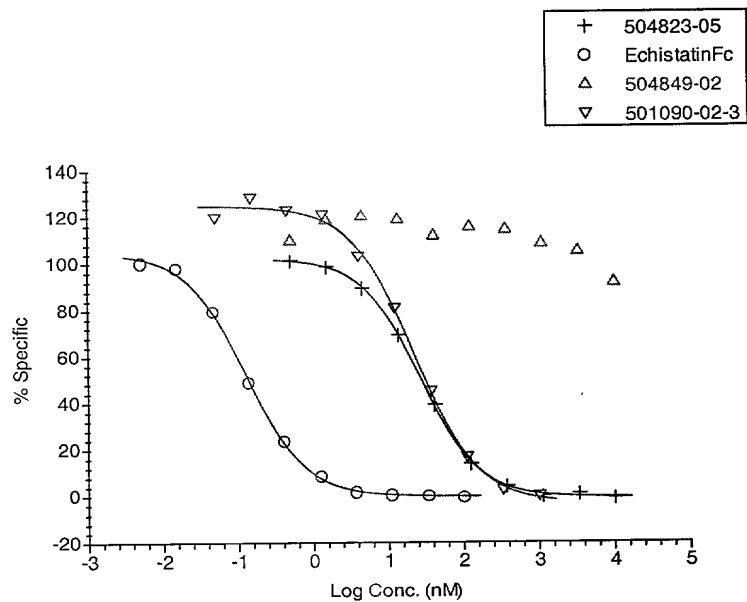
```
      AGCCTCTCCCTGTCTCCGGGTAAA
661   ---------+---------+----   684
      TCGGAGAGGGACAGAGGCCCATTT

a     S  L  S  L  S  P  G  K
```

# Inhibition of hu Vitronectin-Ru Binding to αvβ3

| | |
|---|---|
| + | 504823-05 |
| O | EchistatinFc |
| △ | 504849-02 |
| ▽ | 501090-02-3 |



| Conc. | | IC50 IP | Hill Slope | r2 | Ki |
|---|---|---|---|---|---|
| AMG | 504823-05 | 26.73786 | -1.14 | 1.000 | 21.10884 |

| Conc. | | IC50 IP | Hill Slope | r2 | Ki |
|---|---|---|---|---|---|
| AMG | EchistatinFc | 0.12722 | -1.10 | 0.999 | 0.10044 |

| Conc. | | IC50 IP | Hill Slope | r2 | Ki |
|---|---|---|---|---|---|
| AMG | 504849-02 | >10000 | | | >10000 |

| Conc. | | IC50 IP | Hill Slope | r2 | Ki |
|---|---|---|---|---|---|
| AMG | 501090-02-3 | 22.33247 | -1.04 | 0.997 | 17.63090 |

# Inhibition of hu Fibrinogen-Ru Binding To



| + | EchistatinFc |
|---|---|
| O | 501090-02-3 |
| △ | 504764-00 |
| ▽ | Fibrinogen |

nM
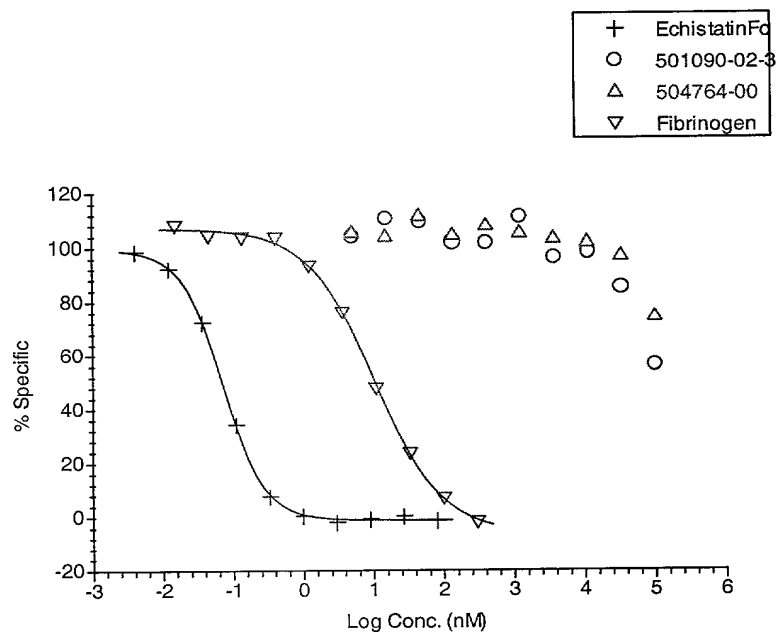
| Conc. AMG | | IC50 IP | r2 | Ki |
|---|---|---|---|---|
| | EchistatinFc | 0.07187 | 1.000 | 0.03594 |

| Conc. AMG | | IC50 IP | r2 | Ki |
|---|---|---|---|---|
| | 501090-02-3 | >100000 | | >100000 |

| Conc. AMG | | IC50 IP | r2 | Ki |
|---|---|---|---|---|
| | 504764-00 | >100000 | | >100000 |

| Conc. AMG | | IC50 IP | r2 | Ki |
|---|---|---|---|---|
| | Fibrinogen | 10.51409 | 0.999 | 5.25705 |